

# Academic Standards Update

## NDE Curriculum Specialists

Donlynn Rice, Administrator

Harris Payne, Social Studies

James Blake, Science

Deb Romanek, Math

Tricia Parker, Language Arts

Debbie DeFrain, Fine Arts





# Curriculum and Instruction

Donlynn Rice



# Curriculum and Instruction Team

Donlynn Rice, Administrator

- The standards shall cover the subject areas of reading, writing, mathematics, science, and social studies.
- The State Board of Education shall develop a plan to review and update standards for each subject area every five years.



# Standards Revision Schedule

Content Area	Deadline	Adopted
Language Arts	July 1, 2009	April 2, 2009
Mathematics	July 1, 2010	October 8, 2009
Science	July 1, 2013	October 6, 2010
Social Studies	July 1, 2013	December 7, 2012



# Standards Criteria

The Standards Will:

- Focus on students before content
- Be broad, deep, and few representing the most enduring concepts
- Reflect on-going research and best practice
- Reflect knowledge relevant to citizens of the 21<sup>st</sup> century



# College and Career Readiness

- What does it mean for a student to be, “college and career ready?”

*A consensus is emerging: a student is college and career ready when he or she can both enroll in and successfully complete postsecondary collegiate or vocational programs without remedial academic work or assistance.*

Dr. David Conley, 2012. Educational Policy Center



# **Emphasis on College and Career Readiness**

- Conduct an Alignment Study for ELA and Math
- Convene Higher Education Reps
- Review against ACT, SAT, NAEP
- Review NeSA Results
- Convene Writing Groups
- Opportunities for Additional Input



# Standards Alignment Study

- Contract with McREL
- Nebraska / Common Core State Standards
  - Language Arts – Literacy
  - Mathematics





# McREL

- Previous Standards Work For Nebraska
- Nationally Recognized Experts
- Conducted Studies for Wyoming and North Dakota



# Scope of Work

- Specific Study for Each Grade Level
- Identify the Nature of Match for Each Standard
  - Strong
  - Partial
  - Weak
  - Not Addressed
- Relative Rigor Also Identified
- Partial Rating - will Identify Reasons
  - Specificity
  - Scope
  - Emphasis
  - Phrasing
  - Implied



# Results of the Study

- August 2013 – Report to State Board – Language Arts
- September 2013 – Report to the State Board -  
Mathematics



# Social Studies

Harris Payne



# Social Studies Education

Harris Payne, Director of Social Studies Education



Sixth-grade teacher Brenda Kane begins her week-long study of Australia.





# New Nebraska Social Studies Standards

- Vertical and Horizontal Versions Available at:  
<http://www.education.ne.gov/SS/>
- Resources for the Social Studies Standards are Available at: <https://socialstudiesne.wikispaces.com/home>





# Social Studies Support Organizations

- National Council for the Social Studies  
<http://www.socialstudies.org/>
- Nebraska State Council for the Social Studies  
<http://nebraskasocialstudies.org/>
- Nebraska Council on Economic Education  
<http://www.nebraskacouncil.org/>
- UNO Center for Economic Education  
<http://ecedweb.unomaha.edu/center/home.htm>
- Federal Reserve Bank  
<http://www.federalreserveeducation.org/>
- EverFi Financial Literacy Education  
<http://www.everfi.com/>
- Geographic Educators of Nebraska (GEON)  
<http://www.geonebraska.org/>



# Social Studies Support Organizations

- State Bar Association  
<http://www.nebarfnd.org/>
- Secretary of State John Gale's Office  
<http://www.sos.nebraska.gov/dyindex.html#boxingName>
- GovEdWeb – UNO Political Science Department  
<http://govedweb.unomaha.edu/>
- Nebraska Wesleyan University  
<http://www.nebrwesleyan.edu/graduate-and-adult-students/graduate-programs/mas>  
[arts-historical studies/neh-workshop-lesson-pla](http://www.nebrwesleyan.edu/graduate-and-adult-students/graduate-programs/mas)
- Homestead National Monument  
<http://www.nps.gov/home/forteachers/index.htm>
- UNL Digital History Project  
<http://digitalhistory.unl.edu/>
- Institute for Holocaust Education  
<http://www.ihevents.org/about-us/>
- Malaika Foundation
  - <http://www.malaikafoundation.org/>





# Award Programs for Social Studies Teachers

- National History Teacher of the Year  
\$1000 for the state winner and \$10,000 for the National History Teacher of the Year  
visit [www.gilderlehrman.org](http://www.gilderlehrman.org) for details
- Nebraska State Council for the Social Studies Congressional District Social Studies Teacher Award: <http://nebraskasocialstudies.org/awards.html>
- Nebraska State Council for the Social Studies Outstanding Student Teacher Award: <http://nebraskasocialstudies.org/awards.html>
- Paul Beck Award for Outstanding Achievement in Social Studies Education: <http://nebraskasocialstudies.org/awards.html>
- Nebraska State Council for the Social Studies President Carter Service Learning Award: <http://nebraskasocialstudies.org/awards.html>
- Gildersleeve/Stoddard/Stone State Geographic Educator Award  
contact Dr. Randy Bertolas, [raborto1WSC.edu](mailto:raborto1WSC.edu)



# Science

James Blake



# Science Education

James Blake, Director of Science Education





# Science Resources

*Currently located on the Science Curriculum website:*

<http://www.education.ne.gov/science>

- Sample K-12 Science Curriculum
  - By Grade Level:  
[http://www.education.ne.gov/science/Documents/2011\\_Sample\\_K-12.pdf](http://www.education.ne.gov/science/Documents/2011_Sample_K-12.pdf)
  - By Standard/Indicator:  
[http://www.education.ne.gov/science/Documents/2011Articulated\\_Sample\\_K-12.pdf](http://www.education.ne.gov/science/Documents/2011Articulated_Sample_K-12.pdf)
- K-8 Science Lessons (link TBD)
  - *Planned to be Released Soon!* Science lessons with cross curricular connections
- 9-12 Science Courses (last update 2012):
  - Biology  
<http://www.education.ne.gov/science/Documents/Biology%20-%20January%202012.pdf>
  - Physical Science  
<http://www.education.ne.gov/science/Documents/Physical%20Science%20-%20January%202012.pdf>



# NeSA-Science

[http://www.education.ne.gov/Assessment/NeSA\\_Science.htm](http://www.education.ne.gov/Assessment/NeSA_Science.htm)

- Resources:

- Alignment:

- Tables of Specification Listed by Grade Level

- 5<sup>th</sup> Grade:

- [http://www.education.ne.gov/Assessment/pdfs/Science\\_TOS\\_Grade\\_5.pdf](http://www.education.ne.gov/Assessment/pdfs/Science_TOS_Grade_5.pdf)

- 8<sup>th</sup> Grade:

- [http://www.education.ne.gov/Assessment/pdfs/Science\\_TOS\\_Grade\\_8.pdf](http://www.education.ne.gov/Assessment/pdfs/Science_TOS_Grade_8.pdf)

- 11<sup>th</sup> Grade:

- [http://www.education.ne.gov/Assessment/pdfs/Science\\_TOS\\_Grade\\_11.pdf](http://www.education.ne.gov/Assessment/pdfs/Science_TOS_Grade_11.pdf)

- Instructional Tools:

- NeSA – Science Vocabulary

- <http://www.education.ne.gov/science/Documents/SIT%20Inquiry%20Vocabulary%20-%202012.pdf>



# KICKS<sub>3</sub>

## (Keep Improving Content Knowledge and Skills)

- **Goals** of the Institute:
  - Increase Content Knowledge
  - Integrate Inquiry
  - Build a Statewide Network of Science Teachers
- **Organization** and Structure:
  - Previous 9 years:
    - Levels: K-5, Middle School, High School Subject Area Groups (biology, physics, chemistry)
    - Time: Summer Institutes (around 8 days)/2.5 days at NATS
  - Currently restructuring
- **Contact** Information:
  - Project Director: Deb Paulman [dpaulman@esu16.org](mailto:dpaulman@esu16.org)
  - <http://www.education.ne.gov/msp/science.html> or <http://www.kicks2.org>
  - Recruiting/promoting will begin in earnest in January 2014
- **Supported** by the NCLB Title IIB, Math-Science Partnership dollars



# Math

Deb Romanek



# Mathematics Education

Deb Romanek, Director of Mathematics Education

## Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST)

- The award alternates each year between elementary and secondary levels but is available for both Math and Science
- **Nominations** can be submitted starting the **prior** Fall year
- **Applications** are due May 1<sup>st</sup>
  - Elementary grades K – 6 in Even Numbered years
  - Secondary grades 7 – 12 in Odd Numbered years







# PAEMST, continued

- Eligible teachers
  - Teach Math or Science in a public or private school
  - Hold at least a Bachelors Degree from an accredited institution
  - Be a full-time employee of the school
  - Have at least 5 years of full-time K – 12 teaching experience prior to the current academic school year
- Benefits
  - A trip to Washington, DC and a signed certificate by the President
  - \$10,000 award to the teacher
  - Become a member of a network of outstanding educators since 1983

[www.paemst.org](http://www.paemst.org)



# Professional Development Opportunities in Math

Elementary Academy for Grades 3 - 6

- Kick Off September 30, 2013 NATM Conference Holiday Inn, Kearney
- Six sessions hosted in 3 sites
  - (Kearney, Norfolk, and Omaha)
  - January, February, March, April, June (2 days) in 2014

<http://tinyurl.com/nmpdsregristration>



# Professional Development Opportunities in Math

Middle/High School Math Institutes Grades 7-12

- Kick Off September 30, 2013 NATM Conference Holiday Inn, Kearney
- Six sessions hosted in 4 sites
  - (Kearney, Norfolk, North Platte, and Omaha)
  - January, February, March, April, June (2 days) in 2014

<http://tinyurl.com/nmpdsregristration>



# Professional Development Opportunities in Math

- Nebraska Association of Teachers of Mathematics
- Fall Conference - Monday, September 30, 2013
- Pre-Professional Conference - Saturday, November 9, 2013
- [www.natmonline.clubexpress.com](http://www.natmonline.clubexpress.com)



# Standards Instructional Tool (SIT)

[www.education.ne.gov/AcademicStandards/SIT\\_Intro.html](http://www.education.ne.gov/AcademicStandards/SIT_Intro.html)

- Classroom-ready Resources for Teachers
- Exercises
- Activities
- Web Links
- Tools
- Interdisciplinary Activities
- Glossaries

The screenshot shows a web browser window displaying the Nebraska Department of Education's Standards Instructional Tool (SIT). The browser's address bar shows the URL [www.education.ne.gov/AcademicStandards/SIT\\_Intro.html](http://www.education.ne.gov/AcademicStandards/SIT_Intro.html). The website header includes the Nebraska Department of Education logo and the text "Official Nebraska Government Website". Below the header, there is a navigation menu with links to Home, State Board, Portal, Calendar, and Departments & Programs. The main content area is titled "Nebraska Standards Instructional Tool" and contains two sections: "Select one or more Subjects" and "Select one or more Grades". The "Select one or more Subjects" section has checkboxes for Language Arts (with a link to the Language Arts Glossary) and Math (with a link to the Math Glossary). The "Select one or more Grades" section has checkboxes for Kindergarten, 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, and High School. At the bottom of the form are "Search" and "Reset" buttons. The footer of the website contains copyright information and links to the NDE Mission, Nebraska.gov, Nebraska Legislature, Disclaimer, and Webmaster.

Search Academic Standards x Google

Official Nebraska Government Website

NEBRASKA DEPARTMENT OF EDUCATION Languages | Text +/- Google Custom Search

Home State Board Portal Calendar Departments & Programs: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

**Nebraska Standards Instructional Tool**

Select one or more Subjects

☐ Language Arts ([Language Arts Glossary](#)) ☐ Math ([Math Glossary](#))

Select one or more Grades

☐ Kindergarten ☐ 1st ☐ 2nd ☐ 3rd ☐ 4th ☐ 5th ☐ 6th ☐ 7th ☐ 8th ☐ High School

Search Reset

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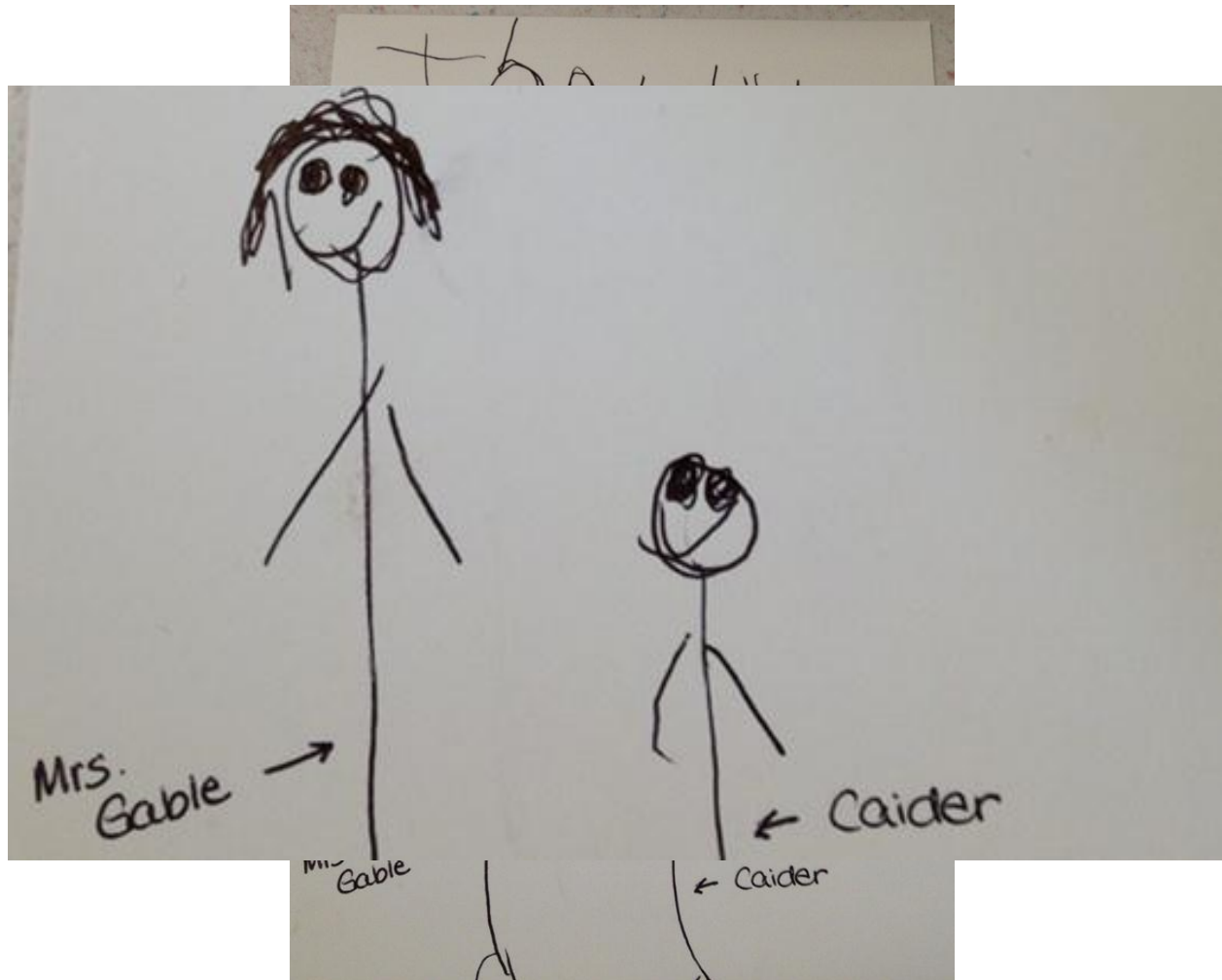
# Language Arts

Tricia Parker



# Language Arts Education

Tricia Parker, Director of Language Arts Education

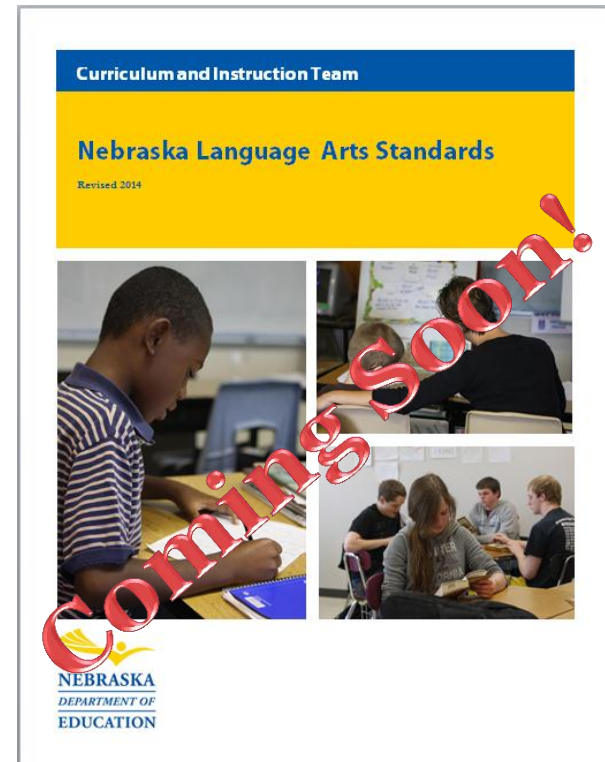
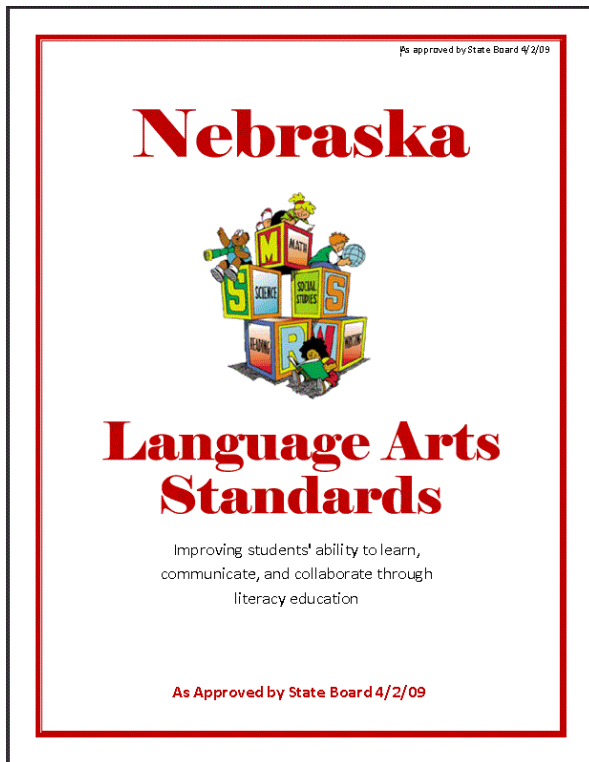




# Tools, Resources, Etc.

## Standards

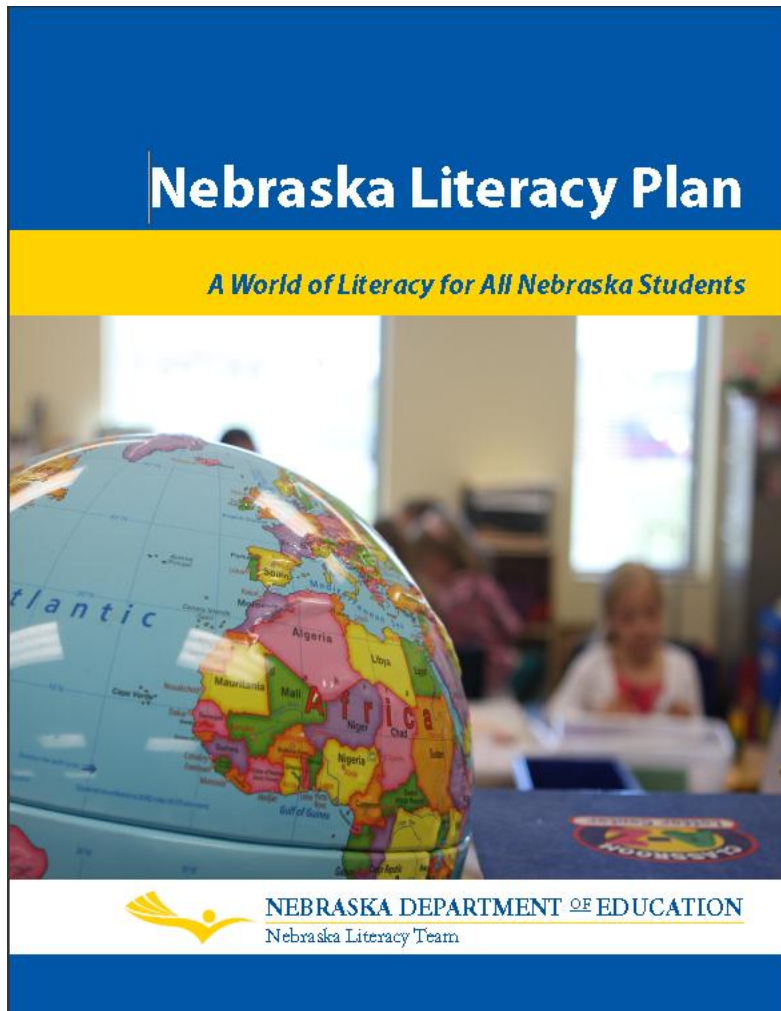
- Academic: <http://www.education.ne.gov/academicstandards/>
- Student/Family Friendly: <http://1.usa.gov/13fYhFZ>







# Nebraska Literacy Plan

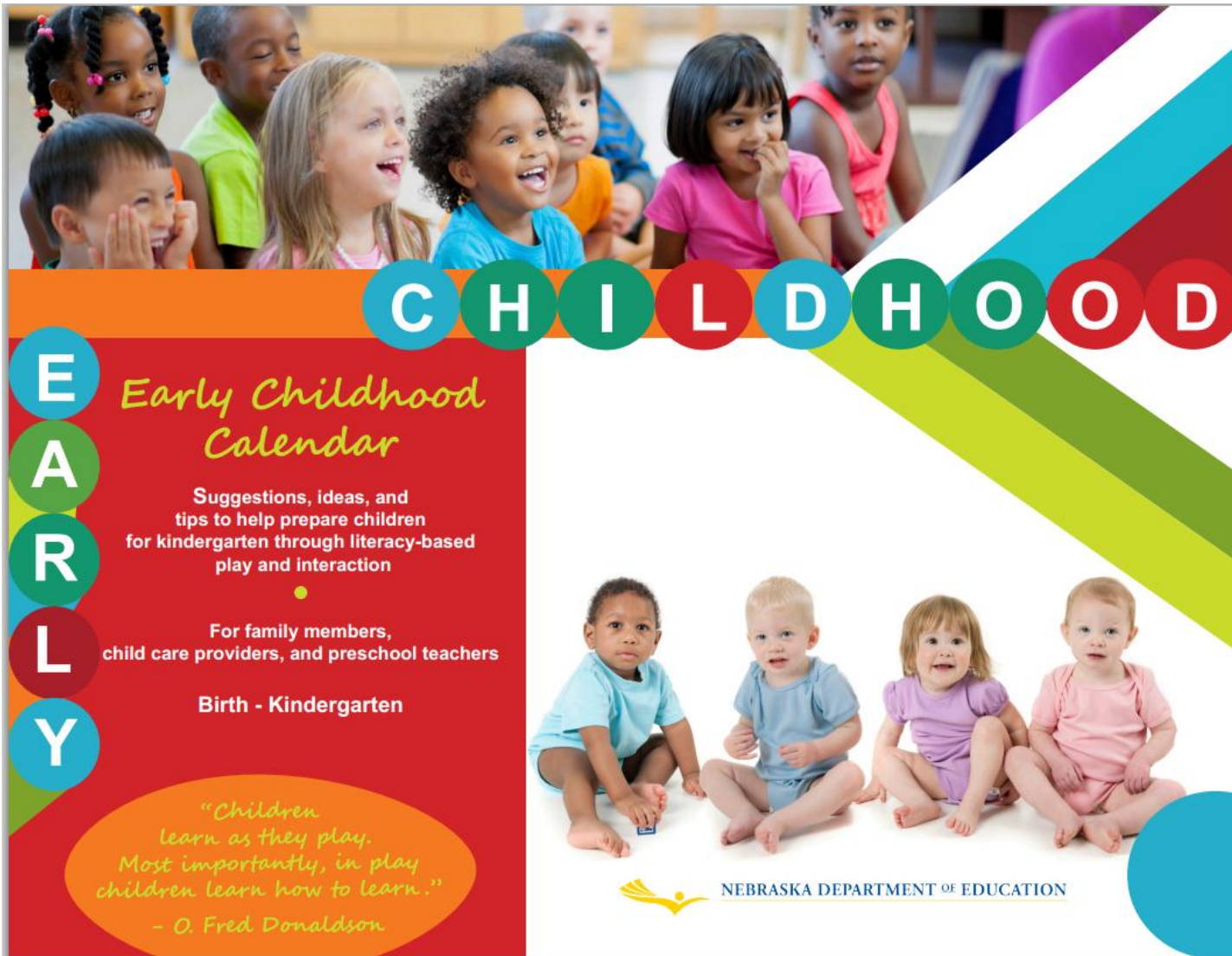


- 7 Components
- Based on a foundation of Evidence-Based Practices and Programs
- Organized according to the steps of the Continuous Improvement Process Model





# Early Childhood Calendar





# Fine Arts

Debbie DeFrain



# Fine Arts Standards Development

Debbie DeFrain, Director of Fine Arts Education



## **ARTS-MEDIA**

Aurora  
CCC-Columbus  
Lincoln  
Nebraska City  
Southern Valley  
UN-Kearney



## **ARTS-VISUAL**

Bennington  
Elkhorn  
Elm Creek  
Grand Island  
Holdrege  
Lincoln  
Millard  
Omaha  
Scottsbluff  
UN-Lincoln



## **DANCE**

Lincoln  
Omaha  
*Studio*



## **MUSIC**

Ashland-Greenwood  
Bellevue  
Bennington  
David City  
*Doane College*  
ESU 17  
Fremont  
Lincoln  
Millard  
Norfolk  
Norris  
Papillion-La Vista  
Tri-County



## **THEATRE**

Bellevue  
Blair  
Grand Island  
Lincoln  
McPherson  
Omaha  
Scottsbluff  
Westside





# Fine Arts Standards Development: Tentative Timeline

Debbie DeFrain, Director of Fine Arts Education

- June 2013 : Writing I: June 4-5; Editing I: June 17
- July 2013: Writing II: July 16-17; Editing II: July 17
- September 2013: Editing IIb: Distance/Skype
- October 2013: Writing III: Oct 9-10; Editing III: Oct 10
- November/December 2013: Public Input



**ARTS-MEDIA**



**ARTS-VISUAL**



**DANCE**



**MUSIC**



**THEATRE**





# Fine Arts Perspectives:

- National: *NCCAS*
- Nebraska: Non-assessed
- District
- Local



**ARTS-MEDIA**



**ARTS-VISUAL**



**DANCE**



**MUSIC**



**THEATRE**



# Fine Arts Partners in Education

- State Support
- District Support
- Teacher Support



**ARTS-MEDIA**



**ARTS-VISUAL**



**DANCE**



**MUSIC**



**THEATRE**



# Contact Information

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<http://www.education.ne.gov/ss/>
- James Blake, Science  
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<http://www.education.ne.gov/science/>
- Deb Romanek, Mathematics  
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<http://www.education.ne.gov/math/>
- Tricia Parker, Language Arts  
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<http://www.education.ne.gov/read/>
- Debbie DeFrain, Fine Arts  
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<http://www.education.ne.gov/FineArts/index.html>